



CASE D0004 DIV

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John A. Lamerdin, Ph.D.  
Type or print name

Signature

2/18/04  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1647

ROBERTS ET AL.

APPLICATION NO:

10,713,981

FILED: NOVEMBER 14, 2003

FOR: ISOLATION OF FUNCTIONALLY ACTIVE GAMMA-SECRETASE  
PROTEIN COMPLEX AND METHODS FOR DETECTION OF  
ACTIVITY AND INHIBITORS THEREOF

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P.O. Box 1450  
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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

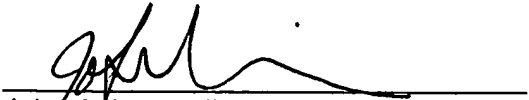
In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references and the PCT Search Report are of record in parent Application No. 09/823,153 filed March 30, 2001, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

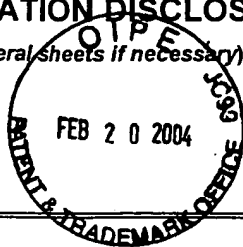
Bristol-Myers Squibb Company  
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John A. Lamerdin, Ph.D.  
Attorney for Applicants  
Reg. No. 44,858

Date: 2/18/04

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)



ATTY. DOCKET NO.  
D0004  
APPLICATION NO.  
09/823,153  
APPLICANT  
ROBERTS ET AL.  
FILING DATE  
MARCH 30, 2001

Group

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,703,129	12/30/97	Felsenstein et al.			
	AB	5,744,346	4/28/98	Chrysler et al.			
	AC	5,837,838	11/17/98	Reed et al.			
	AD	5,840,540	11/24/98	St. George-Hyslop et al.			
	AE	5,877,399	3/2/99	Hsiao et al.			
	AF	5,894,078	4/13/99	Nalbantoglu et al.			
	AG	5,898,094	4/27/99	Duff et al.			
	AH	5,928,882	7/27/99	Sabo et al.			
	AI	5,942,400	8/24/99	Anderson et al.			
	AJ	5,986,054	11/16/99	St. George-Hyslop et al.			
	AK	5,945,330	8/31/99	Hillman et al.			
	AL						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	WO98/15828					<input type="checkbox"/>	<input type="checkbox"/>
	AN	WO00/42166					<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO01/16355					<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Kang et al., 1987, Nature, Vol. 325, 733-736
	AS	Levy-Lehad et al., 1995, Science, Vol. 269, 973-977
	AT	Lammich et al., 1999, PNAS, Vol. 96, No. 7, 3922-3927

**EXAMINER**

**DATE CONSIDERED**

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

2AA	Dovey et al., 1993, Neuroreport, Vol. 4, No. 8, 1039-1042
2AB	Selkoe, 1994, Ann. Rev. Cell Biol., Vol. 10, 373-403
2AC	Asami-Odaka et al., 1995, Biochemistry, Vol. 34, No. 32, 10272-10278
2AD	Joachim et al., 1988, Brain Research, Vol. 474, 100-111
2AE	Castano et al., 1988, Laboratory Investigation, Vol. 58, No. 2, 122-132
2AF	Roher et al., 1993, PNAS, Vol. 90, 10836-10840
2AG	Iwatasubo et al., 1994, Neuron, Vol. 13, 45-53
2AH	Yamaguchi et al., 1995, Amyloid: Int. J. Clin. Invest., Vol. 2, 7-16
2AI	Mann et al., 1996, American Journal of Pathology, Vol. 148, No. 4, 1257-1266
2AJ	Durkin et al., 1999, Journal of Biol. Chem., Vol. 274, No. 29, 20499-20504
2AK	Seubert et al., 1992, Nature, Vol. 359, 325-327
2AL	Shoji et al., 1992, Science, Vol. 258, 126-129
2AM	Scheuener et al., 1996, Nature Medicine, Vol. 2, No. 8, 864-870
2AN	Duff et al., 1996, Nature, Vol. 383, 710-713

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3AA	Borchelt et al., 1996, Neuron, Vol. 17, 1005-1013
3AB	Citron et al., 1997, Nature Medicine, Vol. 3, No. 1, 67-72
3AC	Goate et al., 1991, Nature, Vol. 349, 704-706
3AD	Chartier-Harlin et al., 1991, Nature, Vol. 353, 844-846
3AE	Murrell et al., 1991, Science, Vol. 254, 97-99
3AF	Karlinsky et al., 1992, Neurology, Vol. 42, 1445-1453
3AG	Mullan et al., 1992, Nature Genetics, Vol. 1, 345-347
3AH	Rogaev et al., 1995, Nature, Vol. 376, 775-778
3AI	Doan et al., 1996, Neuron, Vol. 17, 1023-1030
3AJ	Xia et al., 1998, Biochemistry, Vol. 37, No. 47, 16465-16471
3AK	Kovacs et al., 1996, Nature Medicine, Vol. 2, No. 2, 224-229
3AL	Ray et al., 1999, J. Biol. Chem., 274, Issue 51, 36801-36807
3AM	Kimberley et al., 2000, J. Biol. Chem., 275, Issue 5, 3173-3178
3AN	Hua et al., 1996, Cell, Vol. 87, 415-426

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4AA	Brown et al., 1997, Cell, Vol. 89, 331-340
4AB	Artavanis-Tsakonas et al., 1996, Science, Vol. 268, 225-232
4AC	Kopan et al., 1996, Current Opinion in Neurobiology, Vol. 6, 594-601
4AD	Weinmaster 1997 Mol. Cell Neuroscience, Vol. 9, 91-102
4AE	Schroeter et al., 1998, Nature, 393, 382-386
4AF	Selkoe, 1999, Nature, Vol. 399, Supp., A23-A31
4AG	Brown et al., 2000, Cell, Vol. 100, 391-398
4AH	Mumm et al., 2000, Molecular Cell, Vol. 5, 197-206
4AI	Seiffert et al., 2000, J. Biol. Chem., Vol. 275, No. 44, 34086-34091
4AJ	Herreman et al., 2000, Nature Cell Biology, Vol. 2, 461-462
4AK	Esler et al., 2000, Nature Cell Biology, Vol. 2, 428-434
4AL	Li et al., 2000, Nature, 405, 689-694
4AM	Li et al., 2000, PNAS, Vol. 97, No. 11, 6138-6143
4AN	Sherrington et al., 1995, Nature, Vol. 375, 754-760

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5AA	Haas et al., 1993, Cell, Vol. 75, 1039-1042
5AB	Tomita et al., 1997, Proc. Natl Acad. Sci., Vol. 94, 2025-2030
5AC	Citron et al., 1996, Proc. Natl. Acad. Sci., Vol. 93, 13170-13175
5AD	Klafki et al., 1996, J. Biol. Chem., Vol. 271, No. 45, 28655-28659
5AE	DeStooper et al., 1998, Nature, 391, No. 6665, 387-390
5AF	Wolfe et al., 1999, Nature, 398, 513-517
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5AK	Wasco et al., 1992, PNAS, Vol. 89, 10758-10762
5AL	Naruse et al., 1998, Neuron, Vol. 21, 1213-1221
5AM	Haass, 1997, Neuron, Vol. 18, 687-690
5AN	Pinnix et al., 2001, J. Biol. Chem., Vol. 276, 481-487

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1645

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

6AA	Mclendon et al., 2000, The FASEB Journal, 14, 2383-2386
6AB	Yu et al., 2000, Nature, 407, 48-54
6AC	Shearman et al., 2000, Biochemistry, Vol. 39, 8698-8704
6AD	Brennan, 2000, Chemical & Engineering News, 56-58
6AE	Clarke et al., 2000, Journal of Neuroscience Methods, 102, 61-68
6AF	Hardy, 1997, PNAS, Vol. 94, 2095-2097
6AG	Higaki et al., 1995, Vol. 14, 651-659
6AH	Octave et al., 2000, Journal of Biological Chemistry, Vol. 275, No. 3, 1525-1528
6AI	Selkoe, 1996, Journal of Biological Chemistry, Vol. 271, No. 31, 18295-18298
6AJ	Skovronsky et al., 2000, Chemistry, Vol. 39, 810-817
6AK	St George-Hyslop et al., 1999, Nature, Vol. 400, 116-117
6AL	Steiner et al., 1999, FEBS Letters, Vol. 463, No. 3, 245-249
6AM	Zhang et al., 2000, Nature Cell Biology, Vol. 2, 463-465
6AN	Strooper, 2000, Nature, Vol. 405, 627-628

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

7AA	Leonhard et al., 1996, The EMBO Journal, Vol. 15, No. 16, 4218-4229
7AB	Artvanis-Tsakonas et al., 1995, Science, Vol. 268, 225-232
7AC	Irvine, 1999, Current Opinion in Genetics & Development, 9, 434-441
7AD	Duncan et al., 1997, The Journal of Biological Chemistry, Vol. 272, No. 19, 12778-12785
7AE	Boyartchuk et al., 1997, Science, Vol. 275, 1796-1800
7AF	Duffy et al., 1996, Current Opinion in Cell Biology, Vol. 8, 231-238
7AG	
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FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE CITATION**

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1645**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,976,817	11/2/99				
	AB						
	AC						
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	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						
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**FOREIGN PATENT DOCUMENTS**

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	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Mundy, Biochemical and Biophysical Research Communications, 204:333-341q
	AS	
	AT	

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Sheet 1 of 1

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1645

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	US2001/0034884A1 which corresponds to DE19856261	10/25/01				
	AB	CA2381952 which corresponds to WO2001/16355	3/8/01				
	AC						
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	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

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